



Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, October 20, 2017
Issued: 0800 CT

Day 1 Weather Impacts: *Isolated heavy rain/flash flooding possible across SE TX.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Kurt Van Speybroeck/Charles Dalton
817-978-1100 x 147



Key Points



Today

- Isolated heavy rain/flash flooding over SE TX.

Saturday

- Enhanced risk area for severe thunderstorms across OK into N TX Saturday afternoon/evening
- Slight risk area for severe thunderstorms across OK/W AR into N/NE TX.
 - Primary severe weather threat appears to be damaging wind with isolated tornadoes possible.

Sunday - Tuesday

- No Significant Weather Impacts expected.

Tropical Outlook

- No new tropical cyclones are expected during the next five days

FEMA Region 6 Threat Matrix

Oct 20, 2017 - Oct 24, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather		OK/N TX			
		OK/TX/NW AR			
Heavy Rain / Flash Flooding	SE TX	OK/AR/NE TX			
Fire Weather					
River Flooding					
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

No Disturbances

Satellite image from
6:52 am EDT Oct 20

Tropical cyclone activity is not expected
during the next 48 hours.

E. PACIFIC
OUTLOOK

8:00 am EDT
Fri Oct 20 2017

Current Disturbances and Two-Day Cyclone Formation Chance: ☼ < 40% ☼ 40-60% ☼ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane

⊙ Post-Tropical Cyclone × Remnants

Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

No new tropical cyclones are expected
during the next five days.

8:00 am EDT
Fri Oct 20 2017

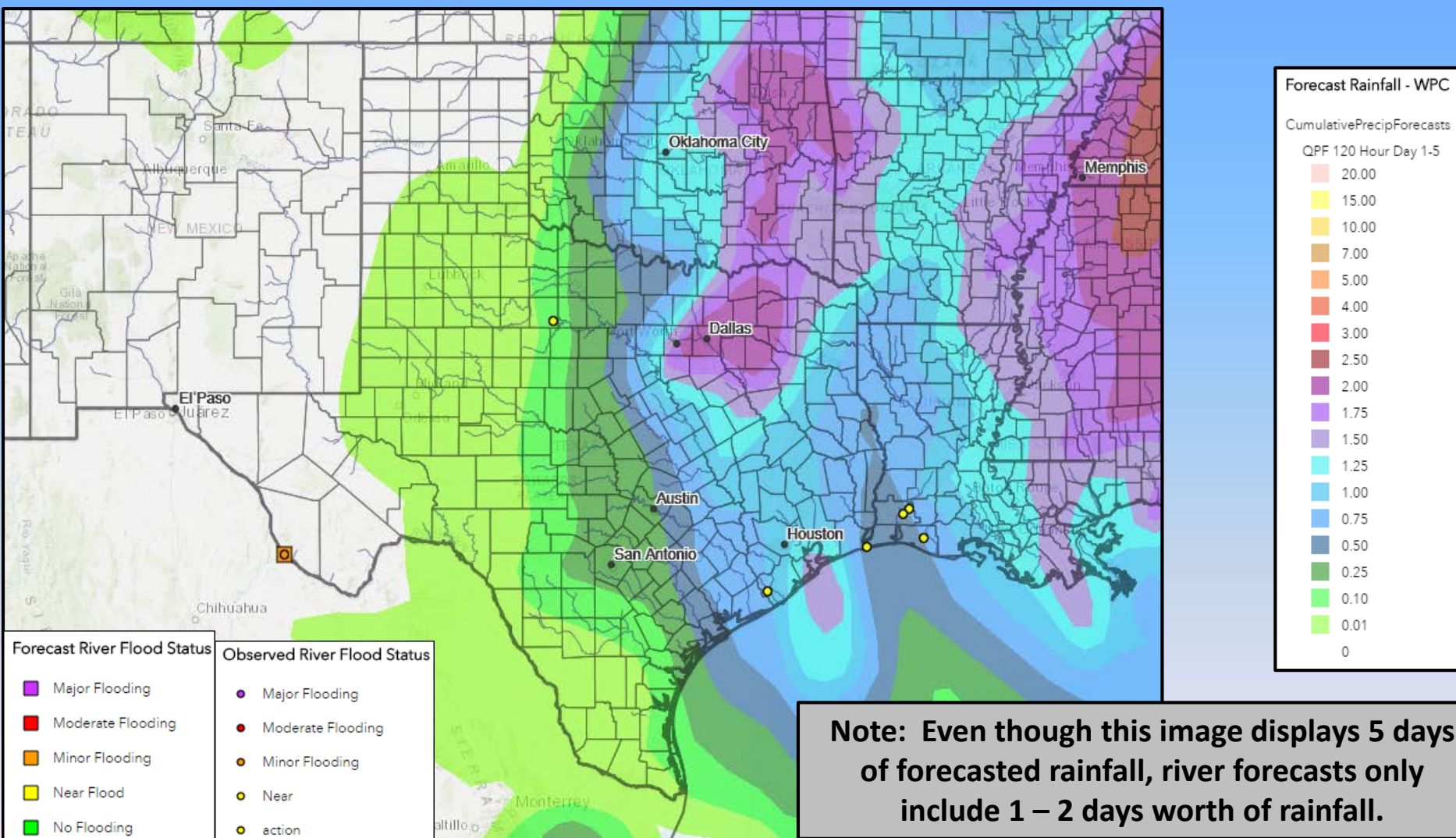
Current Disturbances and Five-Day Cyclone Formation Chance: ☼ < 40% ☼ 40-60% ☼ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane

⊙ Post-Tropical Cyclone × Remnants

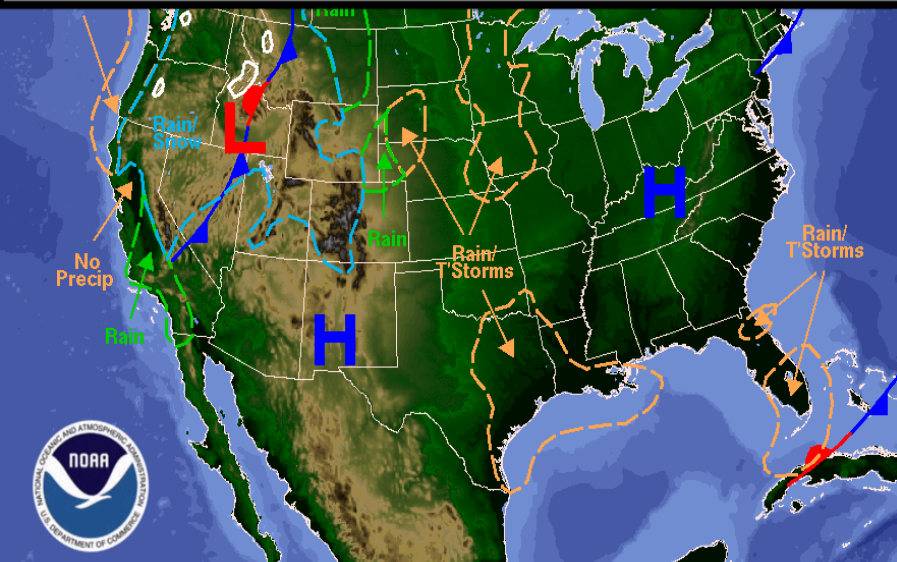
5-Day Precipitation Forecast & River Flood Status

No river flooding is occurring or expected.



For the latest on river flooding: <http://water.weather.gov/ahps>

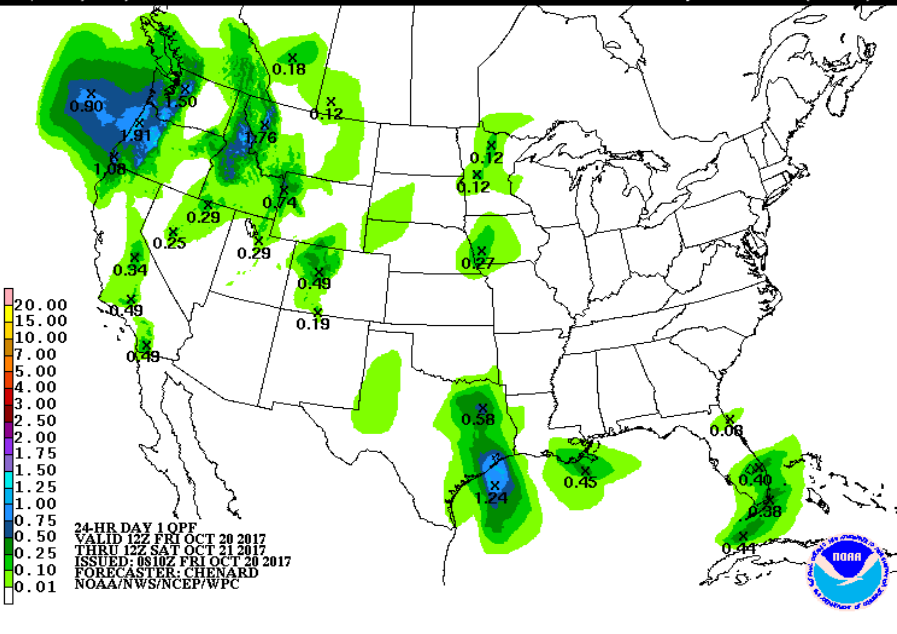
Today's Weather



Day 1 National Forecast Chart

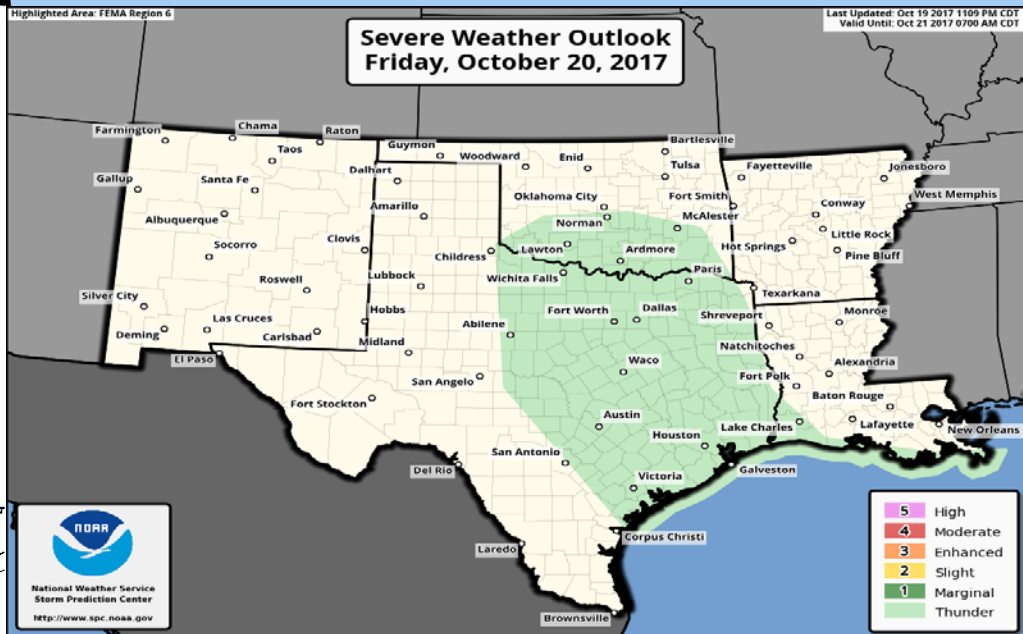
Valid Fri, Oct 20, 2017, issued 4:42 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24 HR DAY 1 OPI
VALID 12Z FRI OCT 20 2017
THRU 12Z SAT OCT 21 2017
ISSUED: 0810Z FRI OCT 20 2017
FORECASTER: CHENARD
NOAA/NWS/NCEP/WPC

Isolated heavy rain/flash flooding possible across SE TX.



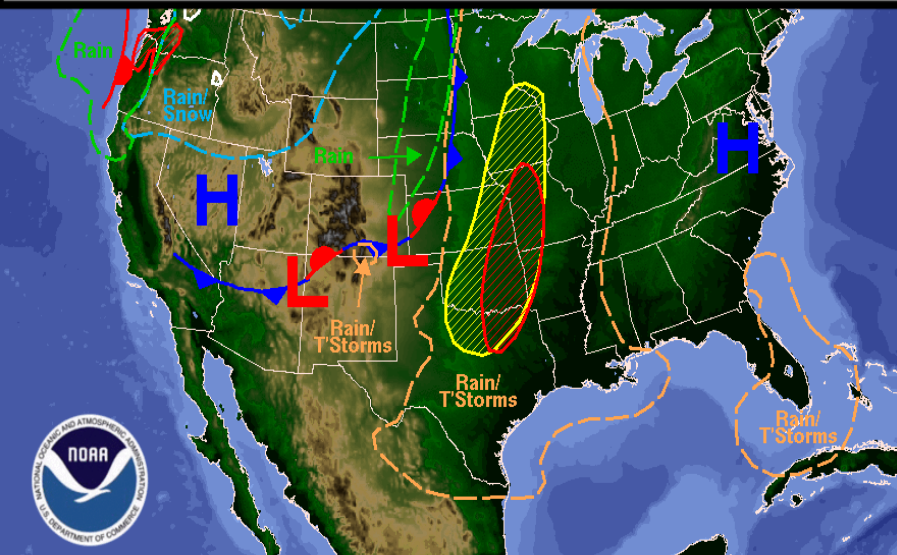
Severe Weather Outlook
Friday, October 20, 2017

Last Updated: Oct 19 2017 11:09 PM CDT
Valid Until: Oct 21 2017 07:00 AM CDT

NOAA
National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

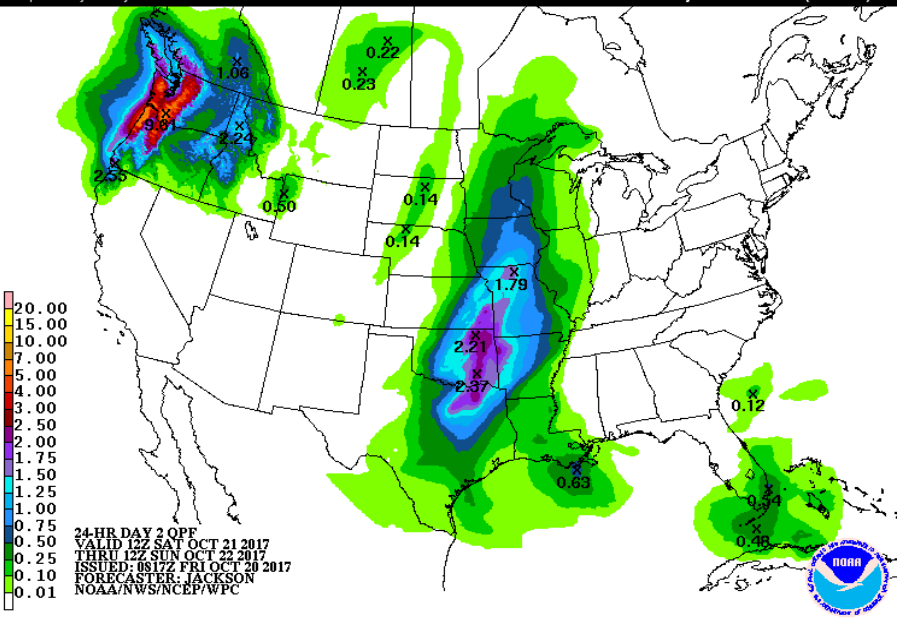
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Sat, Oct 21, 2017, issued 4:53 AM EDT Fri, Oct 20, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

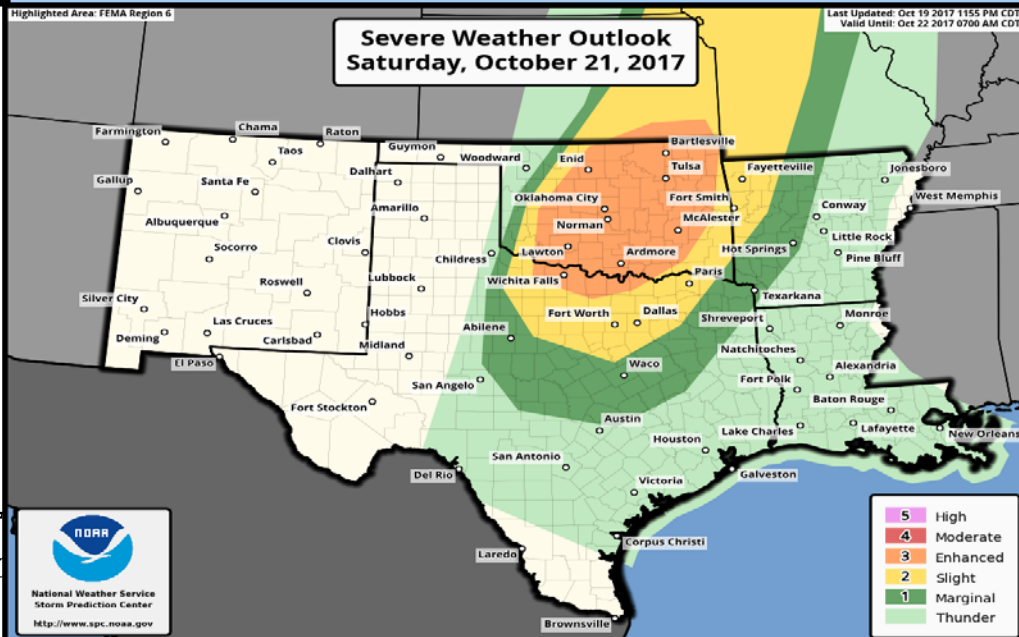
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



Enhanced Risk area for severe storms over
 OK/N TX.

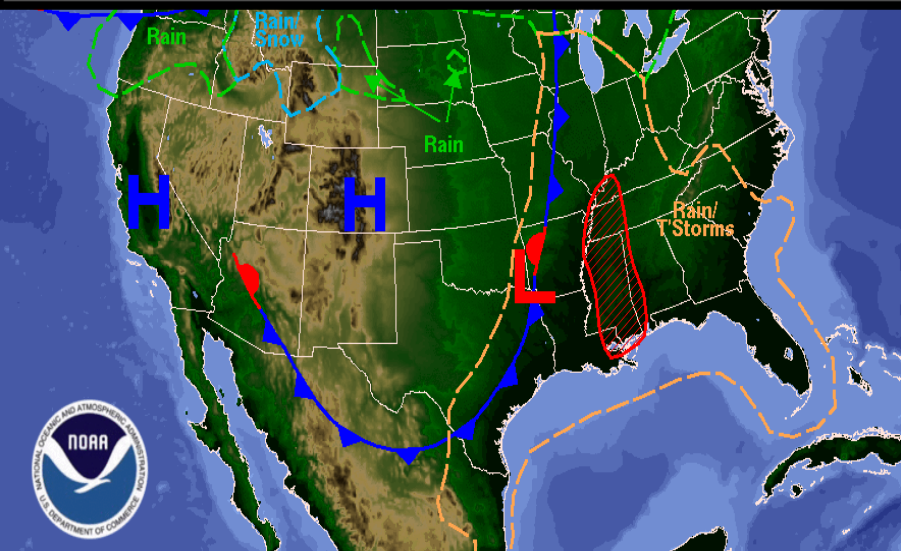
Slight Risk area for severe storms over
 OK/TX and W AR.

Isolated heavy rain/flash flooding possible
 across OK/N TX and W AR



Sunday's Weather

No Significant Weather Impacts.



Day 3 National Forecast Chart

Valid Sun, Oct 22, 2017, issued 4:49 AM EDT Fri, Oct 20, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain

Rain and T'Storms

Rain and Snow

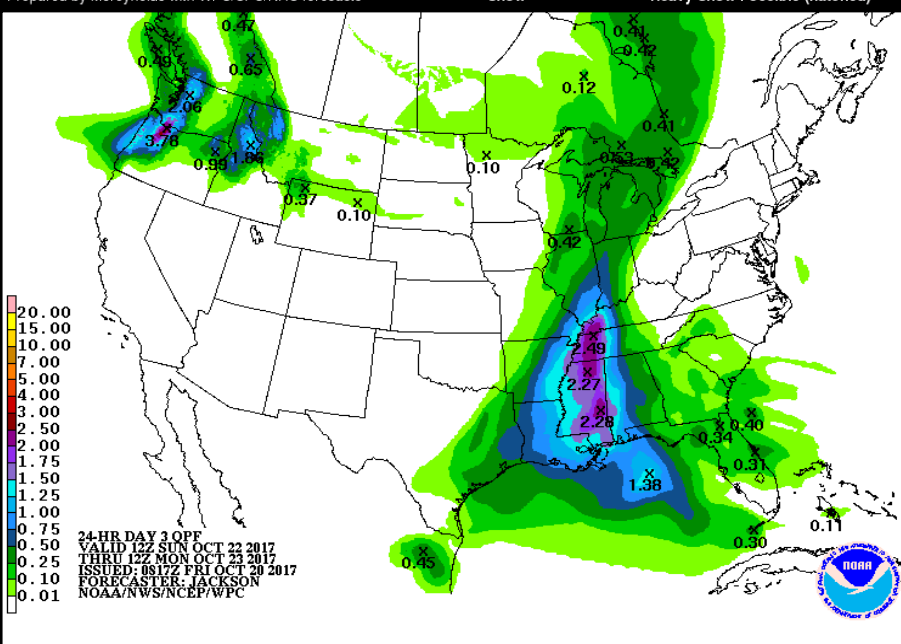
Snow

Flash Flooding Possible (hatched)

Severe T'Storms Possible (hatched)

Freezing Rain Possible (hatched)

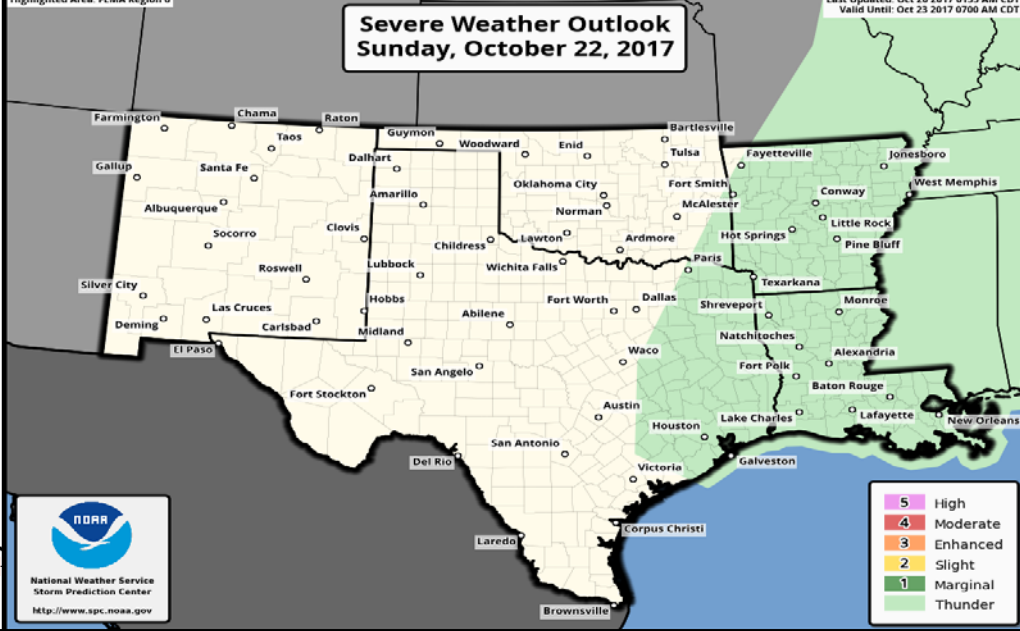
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

Severe Weather Outlook Sunday, October 22, 2017

Last Updated: Oct 20 2017 0155 AM CDT
 Valid Until: Oct 23 2017 0700 AM CDT

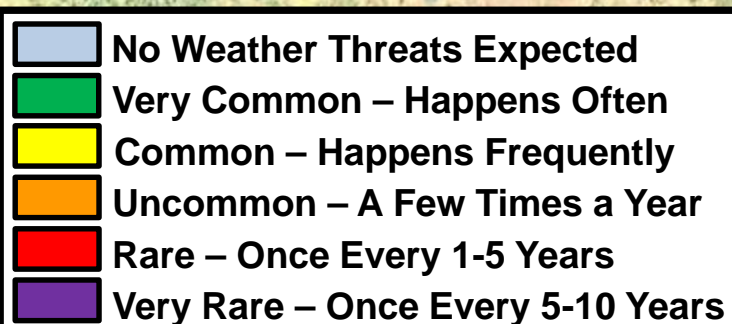


Day 4-5 Weather Hazards

Valid: 0800 Mon – 0800 Wed



No Significant Weather
Impacts

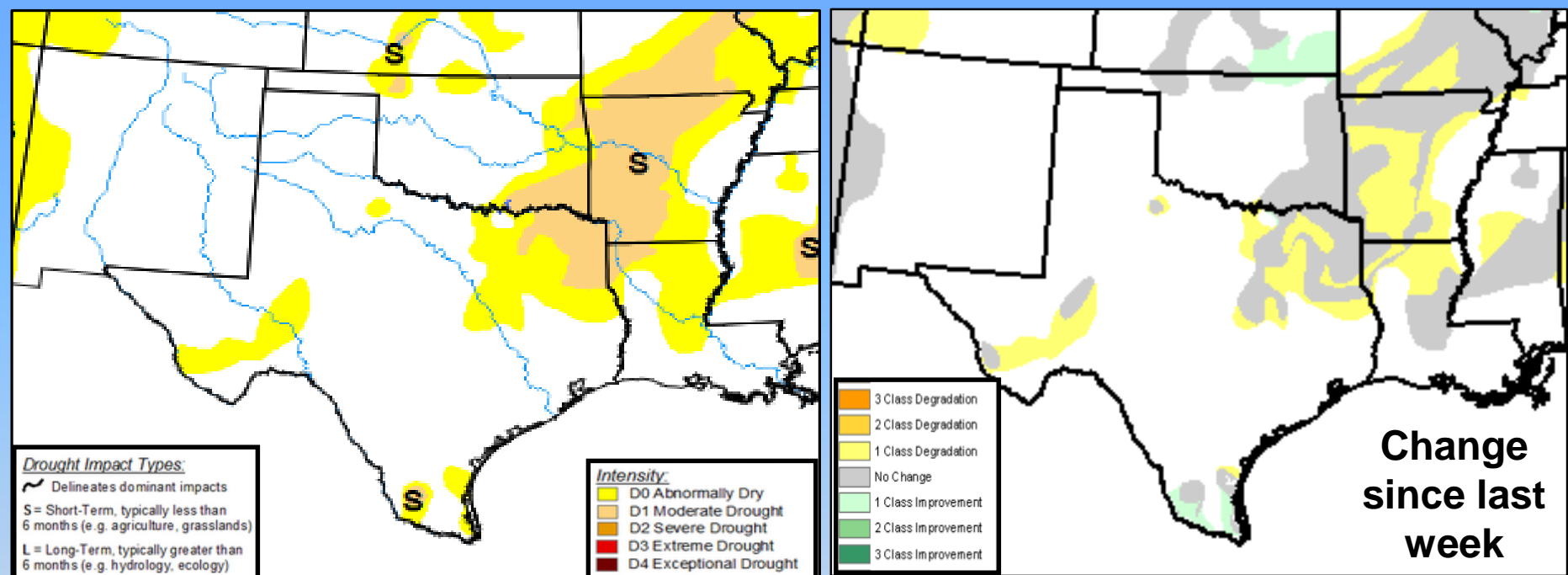


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released October 19, 2017

Data valid as of 7am CDT, Tuesday, October 17, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

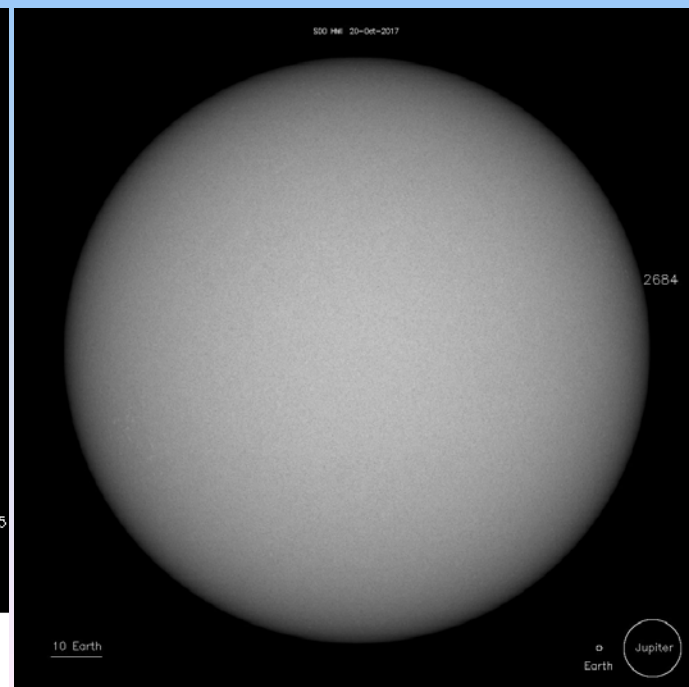
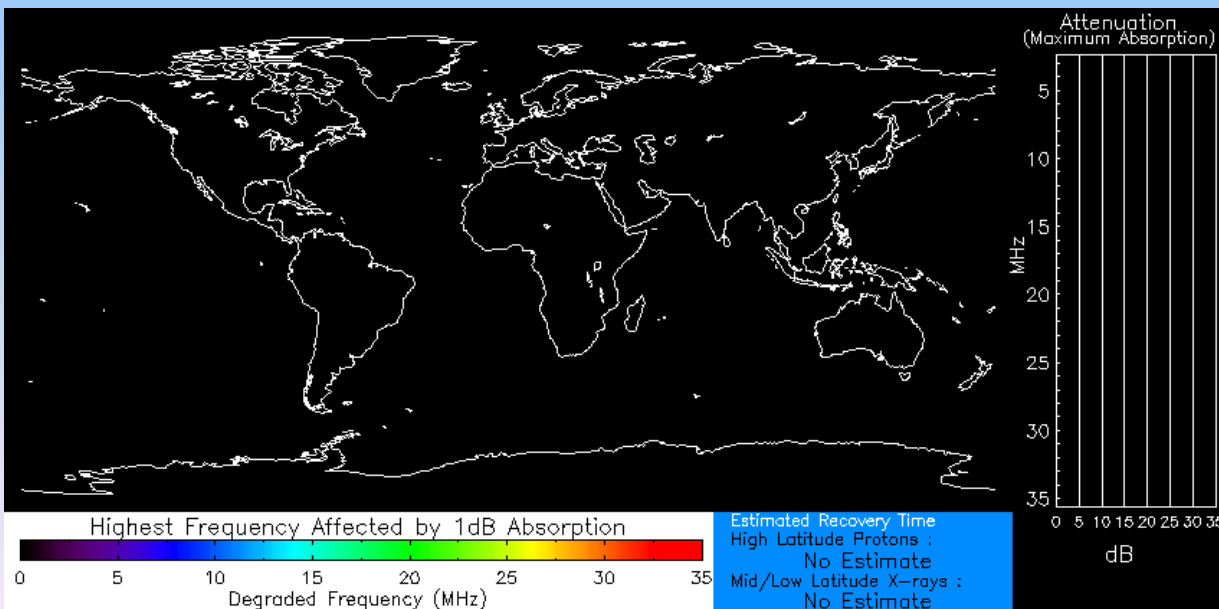
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-10-20 12:27 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

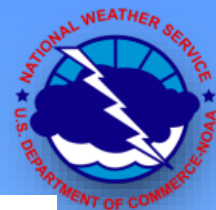
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms